BRAZIL A RICH LAND

Controls Rubber Industry of Entire World.

SUGAR CANE ALONG COAST

Republic Produces One Hundred and Thirty-five Million Dollars' Worth of Coffee for Export-Cattle Raising Profitable in South Brazil. Mineral Resources Abundant.

The following article upon Brazil, its rubber production, coffee plantations, railways, and varied riches, was prepared specially for The Washington Herald, under the supervision of John Barrett, director of the Bureau of American Republics, from data furnished by the bu-

Brazil is a wonderland. Trees in that lucky republic yield a substance most easily changed into gold. This is rubber. The United States imported last year 136, 600,000 pounds of rubber, valued at over \$50,000,000. This product is to-day one of the greatest necessities to industrial progress. Stop its influx to any country for a month, and civilization would halt the cities is American; the trolley service Rapid transit, the telephone, and other of Rio, Sao Paule, and Bahia are American, developments of our era, including auto- and American financiers have no cause to mobiles, depend upon rubber, and, ex- complain. cepting a few plantations in Africa and ship of this character we show our trans-Asia, Brazil controls the rubber crop of

Up the Amazon, 1,000 miles to Manaos, 1,000 miles further to Iquitos in Peru, stretch the forests that are part of Brazil's riches. These are inexhaustible, because they are in the tropics, where a new vegetation springs up as soon as an older one is attacked.

Cacao Follows Rubber.

ever. They are full of dye woods, of Saltillo, says: medicinal plants, and of trees which, for whenever the call is made upon her, she

This northern third of the republic may be broadly entitled the Amazon basin. Farther south, in the middle third, is the great coffee district. Brazil exported last year \$135,060,000 of coffee, more than half the world's supply. The United States took half of this crop. The States of Rio de Janeiro, Minas Geraes, and Sao Paulo are rich with coffee plantations, yet the land still unoccupied is capable of pro-ducing food for millions of people. This is a point little appreciated by the North

Brazil is by no means a mountainous country, even compared with Mexico and Central America. Back of the range skirting the coast the country is a plateau. There may be heights of 5,000 to 3,000 feet, but the extensive inland of the republic is hill and valley, with a temperate climate well suited for the homes of all races. The elevation of 2,000 to 4,000 feet neutralizes the proximity to the the land, assures against drought and at In all the mission gardens at the differ- this year sewerage will be extended, so the same time furnishes power for all ent posts that I passed I saw wheat and that a large proportion of this part of

Cattle in Southern Brazil, The southern third of Brazil is alto

gether within the temperate zone. Here den at home. cattle are grown, and here, when the fruits will flourish as in Missouri.

These facts give emphasis to the asserilization. No European nation, with the of the Athabasca River. probable exception of Russia, including rubber, or coffee, or cacao. Yet Brazil Count von Hammerstein, has spent a Local stores are numerous, and every exports these in 1906 her exports the exports th exports these. In 1906 her exports amounted to \$265,000,000, and her imports to \$165,000,000. And Brazil is never neg- ful lectful of her opportunities to encourage this foreign commi

On the beautiful harbor at Rio the government is now spending at least \$40,000,-000, so that the largest steamers will soon be able to load and unload with all me chanical convenience at the water's edge.

At Santos, where the coffee comes from, are as fine docks as can be found on the Atlantic Ocean, second only in size to, but Buenos Ayres. At the modern docks of Manaos, up the Amazon, which cost \$10,-000,000, ocean-going vessels are conveniently berthed. At Massiambu, \$5,000,000 will soon be expended. For Recife, the better known as Pernambuco, \$16,000,000 has just been appropriated. At Ric Grande (do Sul), \$10,000,000, and more necessary, is going to make that port of Southern Brazil one of the best outlets for the eastern La Plata valley.

Steamers Run to New York.

Brazil has a line of steamers running to New York, which carries back a goodly share of the \$18,000,000 of goods we ship to her. The balance went in ships under other foreign flags, and only a few trifling dollars' worth went under the Stars and Stripes.

The country, although agricultural, is not lacking in mineral wealth. Gold has been mined for centuries. The diamond fields are second only to those of Africa, and coal in substantial quantities has

been found in the republic Brazil has in operation 10,500 miles of railway, with about 4,000 in process of construction. An interesting feature of these railway systems is that they are fan like, the point of convergence being some seaport, only few ports being con nected by internal commercial communi But the national governm to-day fully alive to the fact that to increase her activities something more than

marine commerce is needed. Encouragement to Railroads,

Encouragement is, therefore, given to developing the rallway system within the This cottage has been much admired for interior. It may be years before the capital, Rio de Janeiro, can be reached overland from Para at the mouth of the Paulo to Porto Alegre. From this city only a slight gap remains to be filled to division. the frontier of Uruguay, and from here a straight line of rails leads to Montevideo.

The main entrance is at the side, through a handsome vestibule. To the left of the Americans are just beginning to appre-clate this rich Brazil. She has 862 muni-beyond, which leads to an exterior semicipalities, and they all are alive to the inclosed porch, ornate and cozy in its newer industrial problems. The English design. To the right of the hall is the and Germans long ago found investments dining-room, also opening into a loggia profitable. The railways are in great part English. Much of the harbor construction the house, opening upon a wide porch, work is English. If Rothschild & Co. which gives an air of comfort from that

AVENUE BEIRA MAR, RIO JANEIRO.



Great boulevard on sea front, on which the government of Brazil has spent many millions of dollars.

year. Some of the electric lighting of Therefore the more friend equatorial neighbor, the more cordial will be the relationship in the future.

MEXICANS READ ENGLISH.

Growing Demand for Magazines and Books in State of Conhuila.

Mexico seems to feel the desire for public education and advancement along intellectual lines. This is shown in the increasing demand for books and maga-After rubber comes cacao, for the de- zines; and, strangely enough, the Mexinuded rubber areas seem well adapted for cans are specially desirous of buying and the less native plant. These forests of reading periodicals printed in English. Brazil provide more than rubber, how- Consul Thomas Voetter, writing from

"The authorities of the state of Coagenerations to come, will furnish build- huila are devoting much attention at ing and furniture material to relieve our present to education, and later in this forests of the demands upon them. Along year the normal school will be trans-the coast is an immense sugar and cotthe coast is an immense sugar and cotton region. Brazil exports sugar, and With the increase in general education it is certain that there will be a greater can supply this food to a large part of demand for books and magazines, and he attention being given to teaching

specially) were brought on the market ere, there would be some business done, and the same may be said of books print ed in English, but the demand would be small, and it would not pay for dealers here to carry any large stock. In view of the future increase in the number o ducated persons, it would be wise not to neglect any opening, however small it might seem now."

OIL IN THE FAR NORTH.

Oozes from Ground, but Its Source Is Hard to Find.

"The country that one passes from writer in the Geographical Journal, "and gas, electric lights, telephone, and other will, in my opinion, one day be settled. In all the mission gardens at the differtial this year sewerage will be extended, so of water from the many rivers interlacing will, in my opinion, one day be settled.

western portions of the country are the banks of the river, and there are few work will be completed. brought under cultivation, all grains and places in which you do not find large patches of prairie. You pass by a great outrush of natural gas, and oil is oozing tion that Brazil is one of the lucky few out for miles along the river bank. An among the nations upon earth which has earth movement has taken place, resultwithin her own confines all the neces- ing in a line of fault, which is marked saries for sutaining life and fostering civ- for more than 100 miles along the bank

"Out of this oil has been oozing, we trying to find the reservoir, and I most garbage, bakery, and vegetable delivsincerely hope that he may be success- eries, are as regular and plentiful as in

not far distant."

Three Hundred Houses Built in Last Three Years.

South Brookland, Ellaston Terrace, Langdon, Woodridge, and Sherwood Filling Up with Homes.

The development of the northeastern ortion of the District, lying along Rhode sland avenue, from Eckington to the District line, has been rapid during the past three years. Within that time 300 or 6 houses have been built in the suburbs of South Brookland, Ellaston Terrace, Langdon, Woodridge, and Sherwood, and at no time has there been a greater amount of building and active work than

Maryland and a part within the District- can footwear in Mexico: and so rapidly did these localities grow that to-day there are probably 2,000 in- American shoes and boots in 1907 by the and many residents of the District who have had no occasion to travel out in

short a time. The opening and improving of Rhode nent, and another may be properly cred-

Many of the principal streets are macadamized, and sidewarks have been laid in the most populous sections. The Langdon school is central to most of this territory, and there is a new building now in course of construction, to cost about \$30,000, which, with the old building, will furnish ample school conveniences, up to the eighth grade, for all the children now

Local stores are numerous, and every any part of the city. There are no of-"Coal and asphalt are to be seen every-where, and there are great salt plains plants, marshes or colored settlements to affect the desirability of the locality for

COTTAGE IN CHEVY CHASE, MD.



HOME OF MME. BACHRACH. Planned by Wood, Donn & Deming; built by Chevy Chase Land Company.

FINE SUBURBAN COTTAGE.

The accompanying illustrations show the elevation and first-floor plan of one of the recently erected cottages in the sub-division of Chevy Chase, Md. It was planned by Wood, Donn & Deming, and built by the Chevy Chase Land Company its sightly appearance from the outside and the cozy comfort which greets one

on entering the house.

The cottage is owned and occupied as Amazon, but the time will soon be here the home of Mme. Rachrach. It is 61 by when the traveler can go from Rio to 32 feet in dimensions, two stories high Buenos Ayres by rail. American engineers and the design is of the colonial type are working now on a survey from the southern boundary of the State of Sao work ornamentation, and, with the vines and trees which stand near it, the house is one of the most striking in that sub-

The main entrance is at the side, through

have faith in the credit of this big republic, so should the financiers of the United States. In fact, investments of comfortable and cozy that is to be found American money are increasing year by about Washington built at moderate cost,

land is very high, and much of it affords a magnificent view in all directions. The City and Suburban Railroad, traversing Rhode Island avenue, is probably the best-used suburban line in the District, and carries thousands of passen-

gers from the city through the District and out into Maryland as far as Laurel. For employes of the principal govern-ment departments and the business couses of the city, no section is more onvenient or desirable, and it is only one

reasury.

There are a number of builders putting o eight rooms each that can be pur-chased at from \$2,500 to \$3,500 on very easy terms, and there is no place in the District where so little money will pur-hase so much in the way of land and all hat goes to make up a desirable home.

FOOTWEAR IN MEXICO.

Sales of American Product Grow Without Any Canvassing.

Consul Luther T. Ellsworth, of Cindad Porfirio Diaz, calls attention in the folat the District line the suburbs of Mount lowing report to the excellent opening Rainier and Brentwood-a part lying in for the extension of the sale of Ameri-The sum of \$149,670 was invested in

habitants where three or four years ago dealers in this part of the country. It there was nothing but farm and timber was the merited reputation of these artiland. Thus in the aggregate the new cles that delivered, almost free of exxcellent satisfaction that this trade has en secured almost without solicitation. Mexicans dress their feet as well as ited to the cheapness of the land. The this part of Mexico wear good qualities. American footwear has merited so much

cording to size. ent posts that I passed I saw wheat and that a large proportion of this part of barley growing, potatoes, lettuce, turbles and steel plant in the republic, capitaline carrots and every kind of vege-bare bear expected. It is stated that the dealers now cross and steel plant in the republic, capitaline carrots and every kind of vege-bare bear expected.

CANADIAN LABOR UNIONS.

dian labor unions:

and generally the local organization and manufactures of the same order. purposes are on similar lines, i, e., the elevation and betterment of labor conditions in the Dominion

According to the figures of the labor

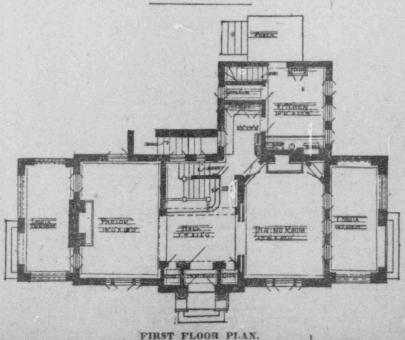
ed was 154, and of organizations dis-

solved, 85, a gain of only 69, 44 in the number of unions during 1904. The year 1902 alone, since records have been kept by the department, was more active than the season just past in regard to the organization of workmen, the Of the organizations formed last year.

51 were formed by railway employes, 43 by metal workers, and 41 in the building trades. Ninety-four organizations were formed in Ontario, 51 in Quebec, 28 in Alberta, and 22 in British Columbia.

Coal Output in Great Britain. The total output of the Kingdom in 1907 was 267,828,276 tons. The number of persons employed at the mines was 940,618, an increase of 58,273 over 1906. The demand throughout the year was active, and prices and wages were lucrative to all concerned. The strike, which put 3,600 miners out of employment in Notinghamshire, has been settled by an amicable compromise after heavy losses to both owners and employes.

INTERIOR OF MME. BACHRACH'S HOME.



CHICAGO OF MEXICO

Name Applied to Ancient City of Monterey.

IS A LEADER IN INDUSTRY

Has Become Wholesale Trade and Distributing Center for Northern States of Republic-Condition and Status of the Farmers Who Purchase Their Supplies There.

Among the industrial centers of the United States of Mexico, Monterey seems to be making progress which promises to place her at the head of the commercial cities of that republic. Monterey is in Northern Mexico, and possibly has reeived some impulse from the activity displayed in our country, but from whatever cause, Special Agent Butman writes some interesting things about the enterprise and push of the Mexicans who nake Monterey their home. He says:

Monterey is called the Chicago of Mexico. With a population of about 90,000, it is an active commercial city, and one of the largest distributing points of the republic. The territory supplied from this center includes the state of Nuevo Leon, of which Monterey is the capital; portions of the states of Tamaulipas and Coahulla, and, in fact, the greater part of Northern Mexico.

The facilities for distribution are good. The Mexican Central Railroad runs southeast to the important Gulf port of Tampico, 322 miles distant, and northwest to Ciudad Juarez, opposite El Paso, are, with no change of cars, to the on the Rio Grande. The Mexican National lines lead eastward to Matamoras opposite Brownsville, north and east to p modern, comfortable cottages of five Nuevo Laredo, and north to Cludad Porfirio Diaz, across the river from Eagle

The fact that Monterey is so important a railway center has added great impetus toward the establishment of trades and industries, and the city is now the most important manufacturing town in North-ern Mexico. Its people are progressive and show wide activity in business affairs, while the vast manufacturing interests afford employment to thousands whose purchasing capacity may well be taken into account.

Becomes a Sanitary City.

One of the most complete sewerage systems known, the automatic flush tank system, is being installed throughout the city, which, when completed, will place Monterey in first rank as regards sanitation. A splendid new water system has been recently installed and will be placed population centered in this part of the Dense, this trade to manufacturers and in operation upon the completion of the District has increased not less than 3,000, dealers of the United States. The repesentatives of American manufacturers the principal streets have been entered and dealers in footwear rarely visit this upon, which provide for asphalt pavedistrict, but the quality and style of their ments for the central streets and brick that direction would be surprised to find product introduced here has given such in other instances, the latter over a concrete foundation.

sland avenue through this territory has their means will permit, some paying \$8 the lines and replaced by the modern to what extent this shortage sland avenue through this territory has been one of the means of this development, and another may be properly creducted to the cheapness of the land. The land this part of Mexico wear good qualities. advancing, considerable building is going Now, if the wheat crop, the cotton crop Athabasca Landing down to the arctic to 30 cents a foot, with a fair average attention and so pleased the people here on, and, all in all, the appearance of this and the corn crop of 1908 shall be near Red River is full of vegetation," says a around 10 cents a foot. Potomac water, that they now demand it, regardless of Northern Mexican city is one of pros-

smelfers, foundries, and the largest iron nips, carrots, and every kind of vegetable that one grows in one's own garden at home.

The country is thickly timbered near that during the coming fiscal year the Many of Them Closely Allied to

Those in United States.

Consul H. D. Van Sant sends from Kingston the following statistics on Cana
Kingston the following statistics on Cana
In the output includes pig iron, angle iron, angle iron, angle iron, angle iron, angle iron, and steel castings, channels, steel I beams, mild steel bars, octagon drill steel, and steel rails, 12, 16, 20, 25, 30, 40, at the present moment the crop outlook Some of the labor organizations of the the industry receive a wage of \$1.50, the eighth grade, for all the children now resident there. There is also building this season a fire engine house, to cost about the United States, and while national or \$20,000, which will assure the locality provincial relationships do not enter into probable exception of Russia, including probab

Woolen and Other Industries.

Other industries include woolen and cotton mills, candy factory, and brickdepartment, the total number of labor organizations formed in Canada during recently established thirty-eight kilome-397 was 232, and of organizations dis- ters north of Monterey. The plant is solved 58, being a net increase during the year of 174. Compared with the three preceding years, the returns show a marked increase in the activity of the organization. In 1966 the number of organizations material used is from properties owned by the company, which is known as "Cementos Hidalgo, S. A." The rock-built In 1905 there was a net loss of two, the water reservoirs of the plant have a caunions formed numbering 103, and unions pacity of 3,000,000 gallons, while the ca-dissolved, 105. There was an increase of pacity of the factory is stated to be 500 barrels daily. The laboratories are in charge of expert American chemists.

The "Cuauhtemoc Brewery," perhaps umber of unions formed in that year in the republic, is situated in Monterey, being 275 and of unions dissolved 54, a and is a very successful commercial enterprise. The establishment covers 2,000, of the past few months. 000 square feet of land, with an admirably well equipped factory, having a capa-ble output of 100,000 bottles per day, manufactured according to the most modern processes. The fermentation department contains 75,000 barrels and the branch out conservatively and be sure of bolling department 375 barrels. Electricity furnishes the motive power of 2,000 financial, industrial, and commercial dehorsepower. Employment is given to partments of the world's work are in bet-1,200 persons. The output for the last ter shape to-day than they have been in ear was valued at \$6,000,000 (Mexican). the railways centering here is second only to that carried by the railways to Lakes Superior and Eric Channels. one other city in Mexico, and that the

What the Estate Owners Buy, Monterey being a center for wholesale trade, I would mention perhaps, first of large part of the work done in 1967 con haciendado is a large buyer, and as sci- his consular district. In 1907 the work entific agriculture advances and the permore advanced he will without doubt beome one of the best buyers in Mexico. There are in the republic about 10,000 haciendas, or farms, with which the same number of usual farms in the United States may in no wise be compared. All Mexican farms cover large estates, 1,000 acres being considered small and the average size varying from 10,000 to 500,000 acres. I am told of the existence of one hacienda in the northern state of Du-

rango comprising 10,000,000 acres. The farmers have their managers, subbookkeepers, timekeepers, managers, cashiers, and hundreds of laborers, while the home of the owner or resident manager is large and fine. In addition to farming machinery and implements, wagons, hardware, paints, roofing, welldrilling machinery, windmills, weighing scales, blacksmith and carpenter tools, plantation railways, &c., needed for use on the estate, the farmer will buy office furniture, typewriter, and safes, house furniture, sewing machines, and phonographs, and since the Mexican haciendados may, in fact, be considered dealers themselves, they must purchase by the wholesale certain supplies necessary for the outfit and maintenance of their small army of dependents.



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BUSINESS OUTLOOK HOPEFULLY BRIGHT

Continued from Page One.

of trade, and now the financial and industrial air is clarified by the storm of panic, and the position of the busiless world must be vastly better off than was a year and a half ago with the panic impending. Much Depends Upon Crops.

Much depends upon the agricultural operations for the year, with reference to the ease with which the industrial equilibrium will be reached. Upon the otton, corn, and wheat orops of the ountry will depend, in a large measure, the prosperity of the next twelve months The Agricultural Department recently made public its estimate of the world's wheat crop of 1907. It was shown in that statement that the shrinkage in the yield of wheat for the year was 329,000,000 bushels, or nearly 10 per cent of the

dentedly large, still the shrinkage of last year was sufficient to make itself felt financial operations of the world. The old mule cars have been taken off government does not attempt to show

the recovery from the effects of the 1907 iancial troubles will be rapid and

Shortage in This Country.

In this country last year 101,000,000 city on the National Railroad; also from matter of much anxiety, not only to Monclova, in the state of Coahuila, and operators in the wheat pit of Chicago, but is of high grade, running to 63 per cent. to the great milling interests and all the

and 60 pounds. Common laborers in is such that the speculative prices of the grains and cotton are much depressed. Bears in the markets of Chicago, New Orleans, and New York have had matters their own way for many weeks, and most of the farm products, largely upor the hope of good harvests.

Outlook Essentially Hopeful. From the best sources of information, therefore, the outlook is essentially hopeful. The demand for iron, one of the great pointers in the trade of the world has increased in the last month, metals generally, including copper, are a little stronger, and in the market for railroad industrial, and other securities, where liquidation of the most drastic character has taken place, there is evidence of slow but sure improvement. There will be no return for several years to the inflated prices of stocks and bonds of March, 1906, but between the high figures of that month and the low figures of last October there is room for great improvement and a movement in the buying and selling of securities that will make fortunes for those who are wisely holding the bonds

five years. It is no time for the pessimist The tonnage brought to Monterey by but essentially the inning of the optimist.

Consul Harry A. Conant, of Windsor, Ontario, referring to the improvement of the channels on the route between Lake Superior and Lake Erie, reports that a all, the haciendados, or farmers, who sisted of excavations at the lower end come into the city in large numbers for of the Detroit River, of which about 80 needed supplies of every character. The per cent was in Cahadian waters, within performed consisted of the removal of sonal requirements of the laborer grow 2,000,000 cubic feet of material, of which about 15 per cent was either limestone bed rock or the overlying material, a large portion of which required explo sives. The present channel will be nearly completed in 1908, and another channel thirteen miles in length, will be commenced. The commerce passing through the Detroit River in 1907 was roughly estimated at 67,000,000 tons.

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